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- (71) Applicant (for all designated States except US): **DAVY  
PROCESS TECHNOLOGY LIMITED** [GB/GB]; 20  
Eastbourne Terrace, London W2 6LE (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CRABTREE,  
Simon, Peter** [GB/GB]; 4 Durham Road, Durham City,  
Durham DH1 5AL (GB). **TYERS, Derek, Vincent**  
[GB/GB]; The Barn, Cowesby, Thirsk, North Yorkshire  
YO7 2JL (GB). **SHARIF, Mohammed** [GB/GB]; 19  
Maidstone Drive, Marton, Middlesbrough TS7 9QW  
(GB).
- (74) Agent: **SMAGGASGALE, Gillian, Helen**; W.P. Thomp-  
son & Co, 55 Drury Lane, London WC2B 5SQ (GB).
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(54) Title: **PROCESS FOR THE PRODUCTION OF LACTAMS**

(57) Abstract: A homogeneous process for the hydrogenation of dicarboxylic acid and/or derivative thereof with an amine in the presence of a catalyst comprising: (a) ruthenium or osmium; and (b) an organic phosphine; and wherein the hydrogenation is carried out in the presence of water.



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